

Red Astrachan. Tree: vigorous; annual bearer.

The following were developed by C.P. Close; USDA Arlington Expt. Farm, Arlington, Virginia, United States. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589076. *Malus domestica* Borkh.

Close. Pedigree - Unknown; selected about 1925; tested as USDA 57; introduced in 1938. Comments:: Fruit: fairly large, 2 1/2 in. or more in diam.; quality fairly good for both dessert and cooking; ripens with or slightly ahead of Yellow Transparent; stands high summer temperatures well; for home gardens and commercial purposes. Tree; widely adapted.

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PI 589077. *Malus domestica* Borkh.

Mother. Pedigree - Unknown; first recorded 1844. Comments:: Fruit: size above medium, 70-80mm; skin 100% red, dark stripe, attractive; shape round-conic; flesh firm, light yellow; flavor subacid, aromatic; eating quality fair to good; harvest season late September, 1 wk before Delicious. Tree: medium productive; annual cropping. Large, red good. R.D. Way, 1992. Large tree; flowers frost hardy.

The following were developed by Peter M. Gideon, Excelsior, Minnesota, United States. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

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Gideon. Pedigree - Crab x Blue Pearmain (Amer. Pom. Soc. 1885); discovered before 1882 (Ragan). Comments:: Fruit: size medium to large, 65-80 mm; skin yellow, 20-40% pinkish orange blush; flesh white, crisp, juicy, brisk sub- acid, water core; core large; eating quality above medium; harvest season late September, 2 wks before Delicious. Tree: very hardy; vigorous; moderately productive. Yellow.

The following were developed by Isabella Preston, Canada Dept. of Agric. Central Exp. Farm, Ottawa, Ontario, Canada. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589079. *Malus domestica* Borkh.

Geneva. Pedigree - *Malus pumila* var. *niedzwetzka* x open pollinated; rosybloom crab apple; planted 1920; introduced 1930. Comments:: Flowers: ornamental crab apple; flowers single; 30 mm diam; pink buds followed by white flowers; generally less floriferous than other flowering crabs. Fruit: size very large for a crab apple, 70 mm; flesh red; eating quality fair; excellent for jelly. Tree: hardy; productive; annual cropping; resistant to apple scab; leaves green with reddish bronze tinge; fruits drop from tree as they ripen. Large-fruited, ornamental crab apple. Red juice, cider.

The following were developed by H. Dermen, USDA-ARS, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Maryland 20705-2350, United States. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York